TABLE 10-6C
GROUP R OCCUPANCY:
DEFAULT U-FACTORS FOR DOORS

Door Type	No Glazing	Single Glazing	Double Glazing with ¼ in. Airspace	Double Glazing with ½ in. Airspace	Double Glazing with e=0.10, ½ in. Argon
SWINGING DOORS (Rough opening – 38 in. x 82 in.)					
Slab Doors					
Wood slab in wood frame[a]	0.46				
6% glazing (22 in. x 8 in. lite)	–	0.48	0.47	0.46	0.44
25% glazing (22 in. x 36 in. lite)	–	0.58	0.48	0.46	0.42
45% glazing (22 in. x 64 in. lite)	–	0.69	0.49	0.46	0.39
More than 50% glazing	Use Table 10-6A				
Insulated steel slab with wood edge in wood frame[a]	0.16				
6% glazing (22 in. x 8 in. lite)	–	0.21	0.20	0.19	0.18
25% glazing (22 in. x 36 in. lite)	–	0.39	0.28	0.26	0.23
45% glazing (22 in. x 64 in. lite)	–	0.58	0.38	0.35	0.26
More than 50% glazing	Use Table 10-6A				
Foam insulated steel slab with metal edge in steel frame[b]	0.37				
6% glazing (22 in. x 8 in. lite)	–	0.44	0.42	0.41	0.39
25% glazing (22 in. x 36 in. lite)	–	0.55	0.50	0.48	0.44
45% glazing (22 in. x 64 in. lite)	–	0.71	0.59	0.56	0.48
More than 50% glazing	Use Table 10-6A				
Cardboard honeycomb slab with metal edge in steel frame[b]	0.61				
Style and Rail Doors					
Sliding glass doors/French doors	Use Table 10-6A				
Site-Assembled Style and Rail Doors					
Aluminum in aluminum frame	–	1.32	0.99	0.93	0.79
Aluminum in aluminum frame with thermal break	–	1.13	0.80	0.74	0.63
REVOLVING DOORS (Rough opening – 82 in. x 84 in.)					
Aluminum in aluminum frame					
Open	–	1.32	–	–	–
Closed	–	0.65	–	–	–
SECTIONAL OVERHEAD DOORS (Nominal – 10 ft x 10 ft)					
Uninsulated steel (nominal U=1.15)[c]	1.15	–	–	–	–
Insulated steel (nominal U=0.11)[c]	0.24	–	–	–	–
Insulated steel with thermal break (nominal U=0.08)[c]	0.13	–	–	–	–

a. Thermally broken sill (add 0.03 for non-thermally broken sill)
b. Non-thermally broken sill
c. Nominal U-factors are through the center of the insulated panel before consideration of thermal bridges around the edges of the door section and due to the frame.